

WHAT IS CLAIMED IS:

1. A receiver device comprising:  
a plurality of antennas having different antenna gains;  
an antenna switching device for selecting one of  
5 reception signals received by the plurality of antennas, and  
supplying the selected reception signal to a signal processor  
arranged subsequent to the antenna switching device;  
a detector for detecting the level of a reception  
signal from each antenna;
- 10 a controller for controlling the antenna switching  
device for selecting a reception signal having a lower level  
than a maximum input level of the signal processor, in  
accordance with detection result from the detector.
- 15 2. A receiver device according to claim 1, wherein the  
controller has a judger for judging a reception state of each  
antenna; and  
when there are a plurality of antennas capable of  
receiving signals without any troubles, the antenna switching  
20 device is controlled so as to select a reception signal from  
an antenna having a low antenna gain.
3. A receiver device according to claim 1,  
wherein the plurality of antennas are located close to  
25 one another,  
wherein the controller operates to control the antenna  
switching device, in a manner such that once the level of a

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reception signal supplied to the signal processor approaches a maximum input level of the signal processor, an antenna having a lower antenna gain than that of an antenna being selected is selected.

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4. A receiver device according to claim 1, wherein the controller operates to control the antenna switching device, in a manner such that once the level of a reception signal supplied to the signal processor becomes lower than a  
10 predetermined level, an antenna having a higher antenna gain than that of an antenna being selected is selected.

5. A receiver device according to claim 1, wherein the controller operates to control the antenna switching device, in a manner such that once a reception signal of each antenna becomes lower than a predetermined level, a reception signal from an antenna having a high antenna gain is selected, and that when there are plurality of reception signals having a higher level than the predetermined level, a reception signal  
15 from an antenna having a low antenna gain is selected.  
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